

➤ **Vendor: Microsoft**

➤ **Exam Code: AZ-301**

➤ **Exam Name: Microsoft Azure Architect Design**

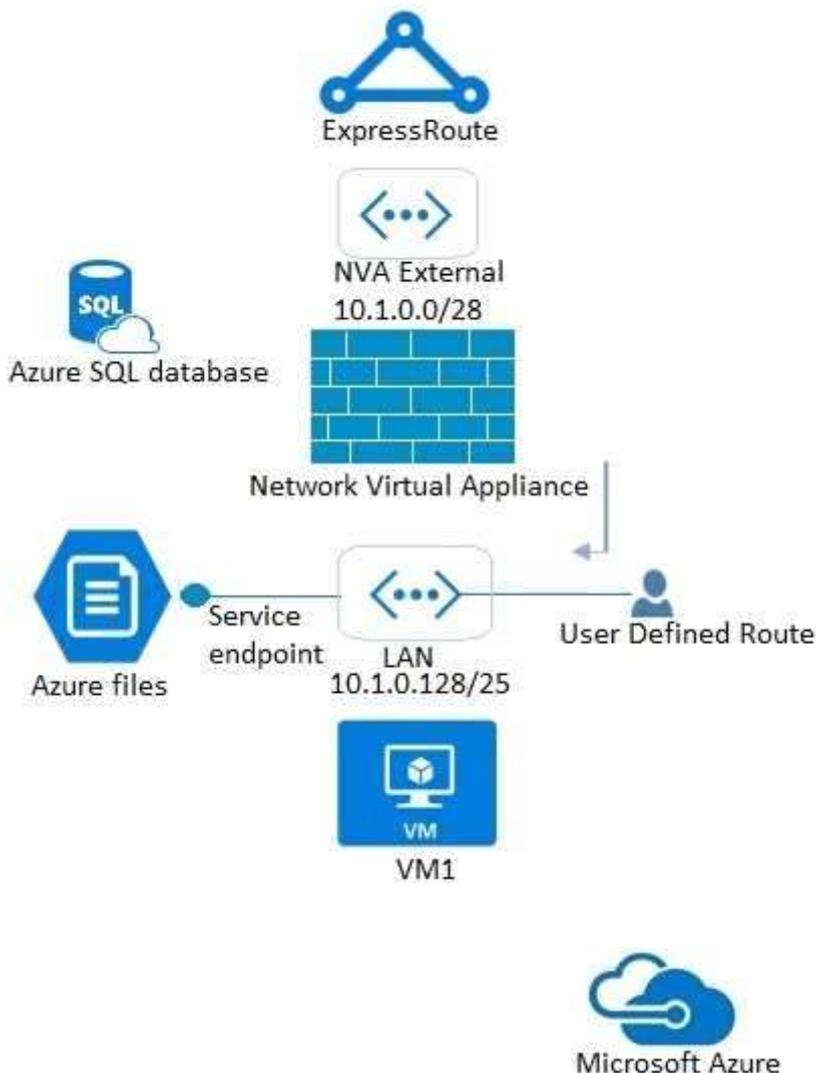
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QUESTION 108

Hotspot Question

You have the network topology shown in the following exhibit.



You have a user-defined route that has a default route of 0.0.0.0/0 and the next hop set to the network virtual appliance.

You configure the Azure Storage account to use virtual network service endpoints. For each of the following

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statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
From VM1, traffic destined to the Azure Key Management Service will be routed to the network virtual appliance.	<input type="radio"/>	<input type="radio"/>
From VM1, traffic destined to the Azure file share will be routed to the Internet.	<input type="radio"/>	<input type="radio"/>
From VM1, traffic destined to the Azure SQL database will be routed to the Internet.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
From VM1, traffic destined to the Azure Key Management Service will be routed to the network virtual appliance.	<input checked="" type="radio"/>	<input type="radio"/>
From VM1, traffic destined to the Azure file share will be routed to the Internet.	<input type="radio"/>	<input checked="" type="radio"/>
From VM1, traffic destined to the Azure SQL database will be routed to the Internet.	<input type="radio"/>	<input checked="" type="radio"/>

Explanation:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-udr-overview>

QUESTION 109

Your company uses Microsoft System Center ?Service Manager on its on-premises network. You plan to deploy several services to Azure. You need to recommend a solution to push Azure service health to Service Manager. What should you include in the recommendation?

- A. Azure Notification Hubs
- B. Azure Event Hubs
- C. IT Service Management Connector (ITSM)
- D. Application Insights Connector

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/itsmc-overview>

QUESTION 110

You have an Azure Active Directory (Azure AD) tenant named contoso.com that contains two administrative user accounts named Admin1 and Admin2. You create two Azure virtual machines named VM1 and VM2. You need to ensure that Admin1 and Admin2 are notified when more than five events are added to the security log of VM1 or VM2 during a period of 120 seconds. The solution must minimize administrative tasks. What should you create?

- A. two action groups and one alert rule
- B. one action group and one alert rule
- C. five action groups and one alert rule
- D. two action groups and two alert rules

Answer: B

QUESTION 111

You have an Azure Active Directory (Azure AD) tenant named contoso.com that contains several administrative user accounts.

You need to recommend a solution to identify which administrative user accounts have NOT signed in during the previous 30 days.

Which service should you include in the recommendation?

- A. Azure AD Identity Protection
- B. Azure Activity Log
- C. Azure Advisor
- D. Azure AD Privileged Identity Management (PIM)

Answer: D

QUESTION 112

Your company plans to publish APIs for its services by using Azure API Management.

You discover that service responses include the ASP.NET-Version header.

You need to recommend a solution to remove ASP.NET-Version from the response of the published APIs.

What should you include in the recommendation?

- A. a new product
- B. a modification to the URL scheme
- C. a new policy
- D. a new revision

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/azure/api-management/transform-api>

QUESTION 113

Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are migrating an on-premises application to Azure. One component of the application is a legacy Windows native executable that performs image processing.

The image processing application must run every hour. During times that the image processing application is not running, it should not be consuming any Azure compute resources.

You need to ensure that the image processing application runs correctly every hour.

Solution: Create an Azure WebJob that runs the image processing application every hour.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 114

Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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You need to ensure that the image processing application runs correctly every hour.

Solution: Create an Azure Function to run the image processing application every hour.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 115

Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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You are migrating an on-premises application to Azure. One component of the application is a legacy Windows native executable that performs image processing.

The image processing application must run every hour. During times that the image processing application is not running, it should not be consuming any Azure compute resources.

You need to ensure that the image processing application runs correctly every hour.

Solution: Create a Logic App to run the image processing application every hour.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

QUESTION 116

Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are designing an Azure solution for a company that wants to move a .NET Core web application from an on-premises data center to Azure. The web application relies on a Microsoft SQL Server 2016 database on Windows Server 2016. The database server will not move to Azure.

A separate networking team is responsible for configuring network permissions.

The company uses Azure ExpressRoute and has an ExpressRoute gateway connected to an Azure virtual network named VNET1.

You need to recommend a solution for deploying the web application.

Solution: Deploy the web application to a web app hosted in a Premium App Service plan. Configure VNET Integration for the App Service plan.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

VNet Integration gives your web app access to resources in your virtual network. VNet Integration is often used to enable access from apps to a databases and web services running in your VNet.

References:

<https://docs.microsoft.com/en-us/azure/app-service/web-sites-integrate-with-vnet>

QUESTION 117

You manage on-premises networks and Azure virtual networks.

You need a secure private connection between the on-premises networks and the Azure virtual networks.

The connection must offer a redundant pair of cross connections to provide high availability.

What should you recommend?

- A. ExpressRoute
- B. Azure Load Balancer
- C. virtual network peering
- D. VPN Gateway

Answer: A

QUESTION 118

You use a virtual network to extend an on-premises IT environment into the cloud. The virtual network has two virtual machines (VMs) that store sensitive data.

The data must only be available using internal communication channels. Internet access to those VMs is not permitted. You need to ensure that the VMs cannot access the Internet.

Which two options should you recommend? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. network interface (NIC)
- B. Source Network Address Translation (SNAT)
- C. Azure ExpressRoute
- D. Network Security Groups (NSG)

Answer: CD